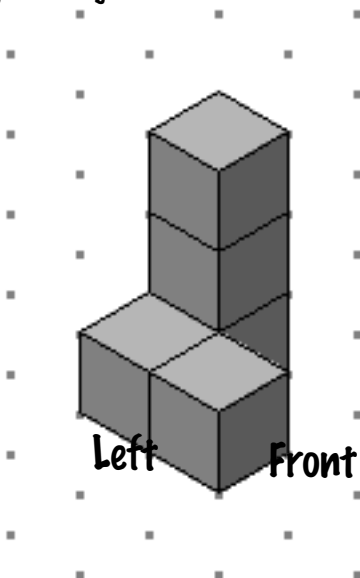


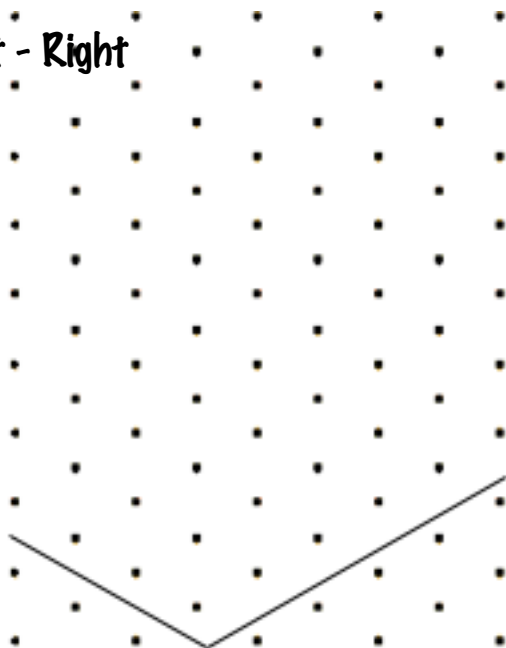
## MODULE 6 QUIZ REVIEW: SECTIONS 1 & 2

**6:1:1 Find volumes and surface areas of figures made with cubes**

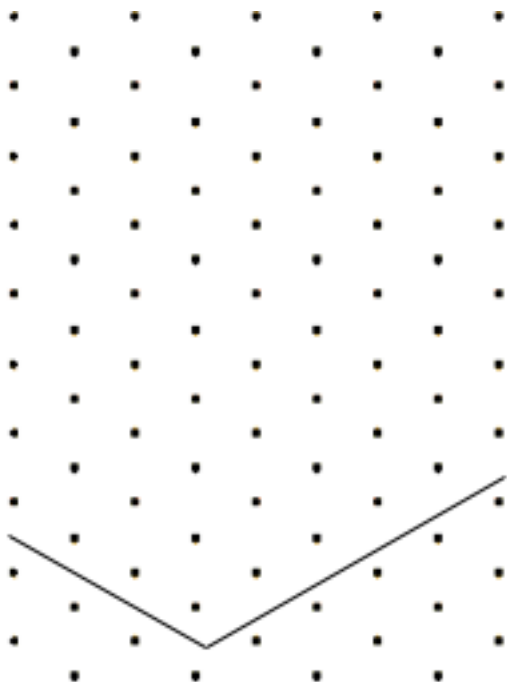
Use the given diagram to sketch the label 3-D views. LABEL each side just like the left-front diagram! (2 points each)



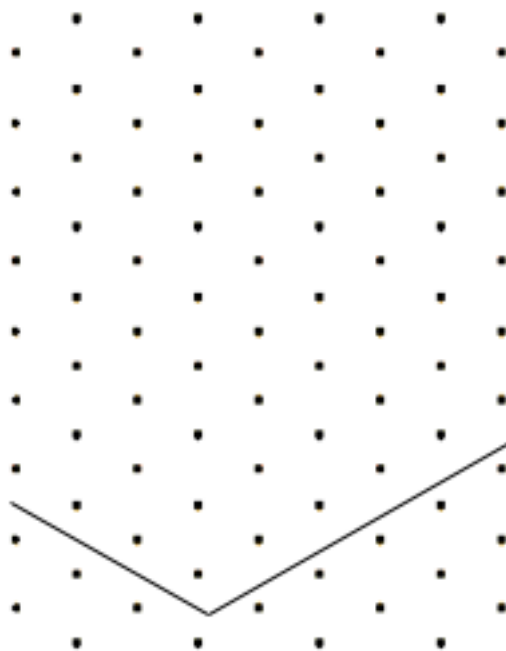
**1. Front - Right**



**2. Right- Back**



**3. Back- Left**



Use the diagram from page 1 to sketch the following flat views. (1 point each)

4. Front

5. Back

6. Left

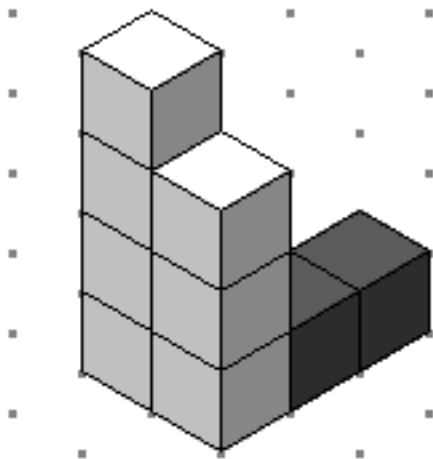
7. Right

8. Top

9. Bottom

Draw the figure that results from removing the shaded cube. Use a straightedge! Then give the volume and surface area of the figure BEFORE and AFTER the cubes are removed. Assume there are no gaps on the bottom layer. Also assume that only hidden cubes are directly beneath the cubes on the top layer. (2 points each- drawing, volume, & SA)

10.



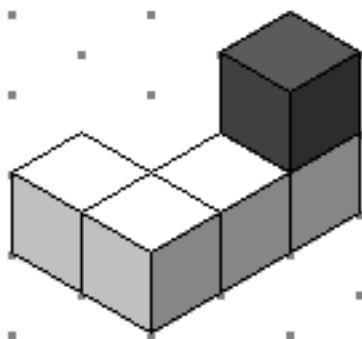
Volume- BEFORE:

Volume- AFTER:

Surface Area- BEFORE:

Surface Area- AFTER:

11.



Volume- BEFORE:

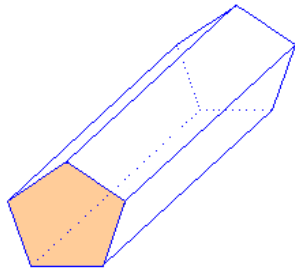

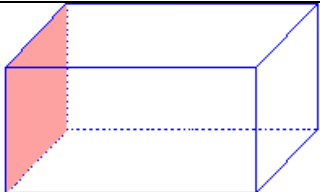
Volume- AFTER:


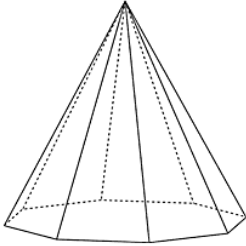
Surface Area- BEFORE:

Surface Area- AFTER:

6:1:1 & 6:2:1 Draw figures & identify and count parts of space figures

Complete the table below. (1 point each)

Polyhedron	Sketch of shape	Faces	Edges	Vertices
				
				
				

Polyhedron	Sketch of shape	Faces	Edges	Vertices
Octagonal Prism				
				
Hexagonal Prism				
Triangular Pyramid				
				
Hexagonal Pyramid				
	